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Ecosystem Restoration and Climate Adaptation Grant Program Update Staff Report

BACKGROUND

The Ecosystem Restoration and Climate Adaptation (ERCA) Grant Program refers to a collection of projects that support multi-benefit ecosystem restoration, watershed protection, and climate adaptation projects in the Sacramento-San Joaquin Delta and Suisun Marsh. Projects in this program are currently supported through several funding sources: Proposition 1 Water Quality, Supply, and Infrastructure Improvement Act; Climate Resilience, Community Access, and Natural Resource Protection (CAR); and Nature Based Solutions: Wetland Restoration (NBS: WR). The Proposition 1 Grant Program is designed to support multibenefit ecosystem, watershed protection, and restoration projects in accordance with statewide priorities. The CAR is a General Fund allocation and promotes multi-benefit projects within the areas of climate resilience, community access, and natural resources protection. The NBS: WR is a General Fund allocation supporting wetland restoration projects in the Sacramento-San Joaquin Delta.

The Grant Program requires both a concept proposal and a full proposal. Full proposals are subject to a rigorous review and evaluation process by staff and external professional reviewers (when applicable) and are recommended for funding based upon review, evaluation, and funding availability.

Ecosystem Restoration and Climate Adaptation Grant Program Funding Sources. CEP refers to the Community Enhancement Grant Program (Agenda Item 7.1). Amounts listed in millions of dollars.

| Funding | Total | Minimum | Total | Amount | Allocation | Encumbrance | Program(s) |
|-------------|------------|------------|------------|-----------|------------|-------------|------------|
| Source | Allocation | Amount | Amount | Remaining | Date | Date | Supported |
| | | Available | Allocated | to be | | | by Funding |
| | | for Grants | for Grants | Allocated | | | Source |
| Proposition | \$50.0 | \$42.5 | \$42.4 | \$0.1 | 8/13/2014 | Variable | ERCA |
| 1 | | | | | | | |
| CAR | \$5.25 | \$4.99 | \$4.99 | \$0 | 9/23/2021 | 6/30/2024 | ERCA and |
| | | | | | | | CEP |
| CAR | \$6.125 | \$5.82 | \$5.35 | \$0.02 | 9/6/2022 | 6/30/2025 | ERCA and |
| | | | | | | | CEP |
| NBS: | \$36.0 | \$34.2 | \$34.2 | \$0 | 9/6/2022 | 6/30/2025 | ERCA |
| Wetland | | | | | | | |
| Restoration | | | | | | | |

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PROGRAM UPDATE

As of December 28, 2024, there are 18 active projects and 21 closed projects.

ACTIVE PROJECTS

Nature-Based Solutions: Wetland Restoration

The Board awarded \$32.4 million for four projects (one planning with implementation, one acquisition, and two implementation) – all of which are active.

| Project Name | Wetland Mosaic Landscape on Webb Tract (Planning, Implementation) |
|------------------------|--|
| Amount Awarded | \$20,907,371 |
| County | Contra Costa |
| Project ID | NBS01 |
| Grantee | Metropolitan Water District |
| Overview | Design and construct up to 3,500 acres of managed, flooded wetlands and |
| | up to 1,500 acres of rice fields on Webb Tract. The main objectives are to |
| | create fish and wildlife habitat, reverse subsidence, reduce greenhouse gas |
| | (GHG) emissions, develop sustainable agriculture opportunities, |
| | investigate sustainable water management practices, and explore the |
| | carbon market as a potential revenue stream to improve long-term |
| | economic viability of wetlands. |
| Grant Agreement Status | Active as of 3/6/2024 |
| New Information | Rice Cultivation Project: Conversion of existing corn to rice is expected to |
| | start Spring 2025, which is a one-year delay due to higher-than-expected |
| | conversion costs. |
| | Wetland Restoration Project: A conceptual design is completed. To reduce |
| | construction and long-term costs, the initial wetted acres have been |
| | reduced. Wetland acreage will gradually increase over time as soil accretes |
| | in the most deeply subsided areas. |
| | The Grantee will hold a second public meeting in February 2025. |

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| Project Name | Delta Rice Conversion Program (Implementation) | |
|-------------------------------|--|--|
| Amount Awarded | \$4,333,124 | |
| County | San Joaquin and Contra Costa | |
| Project ID | NBS02 | |
| Grantee | The Nature Conservancy | |
| Overview | Provide financial incentives by funding the cost of conversion for Delta | |
| | Farmers to convert existing agriculture to wildlife-friendly rice. The | |
| | Program will target 5,000 acres in the Delta to halt subsidence, reduce | |
| | greenhouse gas emissions, and provide fish and wildlife habitat. | |
| Grant Agreement Status | Active as of 6/13/2024 | |
| New Information | The first 2,700 acres enrolled in this program will cultivate rice starting in | |
| | spring 2025. Outreach and enrollment for 2026 will occur in spring 2025. | |

| Project Name | Land Acquisition on Bethel Island (Acquisition) | |
|------------------------|--|--|
| Amount Awarded | \$2,197,466 | |
| County | Contra Costa | |
| Project ID | NBS03 | |
| Grantee | John Muir Land Trust | |
| Overview | Acquire a 600-acre parcel on Bethel Island to be converted to wetlands | |
| | and permanently stewarded and protected. Future phases of this project | |
| | will provide fish and wildlife habitat, reverse subsidence, reduce | |
| | greenhouse gas emissions, and benefit the residents of Bethel Island by | |
| | reducing flood risk and providing open space. This Project will also explore | |
| | the carbon market as a potential revenue stream to improve long-term | |
| | economic viability of wetlands. | |
| Grant Agreement Status | Active as of 03/25/2024 | |
| New Information | Escrow closed in December 2024 and the acquisition is complete. Future | |
| | phases include outreach, planning, and implementation of wetland | |
| | restoration at the site. | |

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| Project Name | Wetland Restoration Project on Staten Island (Implementation) | |
|------------------------|--|--|
| Amount Awarded | \$6,753,396 | |
| County | San Joaquin | |
| Project ID | NBS04 | |
| Grantee | The Nature Conservancy | |
| Overview | Convert 426 acres of existing corn to wetlands on a portion of Staten | |
| | Island that has become too wet to farm. The wetlands will provide fish and | |
| | wildlife habitat, reverse subsidence on the most deeply subsided portion | |
| | of the island, reduce greenhouse gas emissions, and support the wildlife- | |
| | friendly agriculture that is occurring on Staten Island Preserve. This Project | |
| | will also explore the carbon market as a potential revenue stream to | |
| | improve long-term economic viability of wetlands. | |
| Grant Agreement Status | Active as of 4/19/2024 | |
| New Information | The Grantee is completing final design plans and construction is expected | |
| | to start in 2025. Conversations with tribal entities are ongoing. | |
| | Construction is expected to begin Spring 2025. | |

CAR - Fiscal Year 2021-2022

The Board awarded \$390,000 for one planning project.

| Project Name | Big Break Regional Shoreline Restoration and Public Access Planning | |
|-------------------------------|--|--|
| | Project (Planning) | |
| Amount Awarded | \$390,000 | |
| County | Contra Costa | |
| Project ID | CAR03 | |
| Grantee | East Bay Regional Park District | |
| Overview | Create planning documents to support public access and the long-term | |
| | sustainability of 1,648 acres of open water, wetlands, and upland habitat. | |
| Grant Agreement Status | Active as of 12/14/2022 | |
| New Information | The project team is drafting an opportunities and constraints report. | |
| | Stakeholder outreach has begun, with public outreach to begin this | |
| | quarter. | |

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Proposition 1 Cycle 5 – Fiscal Year 2021-2022

The Board awarded approximately \$3 million for six projects (two planning and four implementation) – all of which are active.

| Project Name | Little Franks Tract Invasive Weed Removal and Restoration Project | |
|-------------------------------|--|--|
| | (Implementation) | |
| Amount Awarded | \$427,706 | |
| County | Contra Costa | |
| Project ID | P1-2204 | |
| Grantee | Contra Costa Resource Conservation District | |
| Overview | Test and identify workable solutions to remove invasive weeds, improve | |
| | habitat value, and prevent further spread of invasive plants in the Franks | |
| | Tract State Recreation Area. | |
| Grant Agreement Status | Active as of 4/21/2023 | |
| New Information | An amendment to the Project's budget and term was approved at the | |
| | October Board meeting. After completion of aerial mapping and field | |
| | verification, RCD Staff are currently being trained on boat operation and | |
| | safety to carry out upcoming weed removal. | |

| Project Name | Yolo Bypass Wildlife Area Habitat and Drainage Improvement Project, | |
|-------------------------------|---|--|
| | Phase Two (Implementation) | |
| Amount Awarded | \$887,516 | |
| County | Yolo | |
| Project ID | P1-2207 | |
| Grantee | Ducks Unlimited | |
| Overview | Constructing hydrological improvements that will restore 220 acres of | |
| | seasonal wetland, enhance management of 1,803 acres of existing | |
| | seasonal wetland, and improve water management to 1,180 acres of | |
| | wildlife-friendly agricultural wetland. | |
| Grant Agreement Status | Active as of 3/16/2023 | |
| New Information | The Grantee has made a scope change request that is pending an update | |
| | to CEQA compliance documentation. If approved, construction is | |
| | anticipated to start on this project in 2026. There have been delays due to | |
| | management changes at CDFW and concerns over long-term operations | |
| | and maintenance. The concerns will be resolved as part of the change | |
| | request. | |

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| Project Name | Ulatis Creek Habitat Restoration Project (Implementation) | |
|------------------------|--|--|
| Amount Awarded | \$413,586 | |
| County | Solano | |
| Project ID | P1-2208 | |
| Grantee | Solano County Resource Conservation District | |
| Overview | Create 20 acres of riparian woodland area along the north bank of Ulatis | |
| | Creek. A total of 1,880 native trees/shrubs and 25,000 forb/sedge plugs | |
| | will be planted, 100 pounds of wildflowers will be seeded, and invasive | |
| | non-native plants (including Arundo donax) will be controlled throughout | |
| | the project site, resulting in an increase in native habitat area. | |
| Grant Agreement Status | Active as of 6/13/2023 | |
| New Information | The Grantee continues to work on weed control, planting, installing | |
| | irrigation, and monitoring. Swainson's hawk nests found on site. Grantee | |
| | presented their progress and weed control methods to the Interagency | |
| | Adaptive Management Integration Team in December 2024. | |

| Project Name | Improving Hydrological Resiliency of Managed Wetlands in the Suisun | |
|-------------------------------|---|--|
| | Marsh (Implementation) | |
| Amount Awarded | \$542,546 | |
| County | Solano | |
| Project ID | P1-2209 | |
| Grantee | Suisun Resource Conservation District | |
| Overview | Improve habitat conditions in the Suisun Marsh by installing new | |
| | hydrological infrastructure at four project sites that will benefit 3,000 acres | |
| | of managed wetlands. | |
| Grant Agreement Status | Active as of 03/27/2023 | |
| New Information | Three drainage projects have been completed; monitoring is ongoing to | |
| | determine if additional modification or refinement is necessary. | |
| | Construction at one site is delayed until Summer 2025 due to necessary | |
| | bridge repairs. | |

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| Project Name | Marsh Creek Reservoir Restoration and Total Mercury Reduction Project | |
|-------------------------------|---|--|
| | (Planning) | |
| Amount Awarded | \$550,000 | |
| County | Contra Costa | |
| Project ID | P1-2211 | |
| Grantee | Contra Costa County Flood Control and Water Conservation District | |
| Overview | Design a shovel-ready multi-benefit project that would restore the Marsh | |
| | Creek Reservoir system, provide ecological benefit, improve flood capacity, | |
| | and enhance public recreation opportunities. | |
| Grant Agreement Status | Active as of 5/23/2023 | |
| New Information | Project team is working on 65% engineering and habitat restoration | |
| | designs. | |

| Project Name | Van Buskirk Multi-Benefit Ecosystem Restoration Planning Project | |
|-------------------------------|--|--|
| | (Planning) | |
| Amount Awarded | \$467,848 | |
| County | San Joaquin | |
| Project ID | P1-2212 | |
| Grantee | American Rivers | |
| Overview | Multi-benefit ecosystem restoration planning project that will integrate | |
| | nature-based design solutions and multi-benefit flood protection concepts, | |
| | as well as work with partners to seek implementation funding for future | |
| | projects at the site. | |
| Grant Agreement Status | Active as of 12/22/2022 | |
| New Information | The Grantee hosted a site visit in November as part of a DPIIC Restoration | |
| | Subcommittee meeting. The United States Department of the Interior | |
| | awarded \$7 million in grant funding for the Project from the Outdoor | |
| | Recreation Legacy Partnership Program (ORLP). | |

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Proposition 1 Cycle 4 – Fiscal Year 2018-2019

The Board awarded approximately \$14.9 million for 10 projects (eight planning, one implementation, and one acquisition). One project was withdrawn after receiving an award. To date, four projects have closed.

| Project Name | Delta Waterways Habitat Restoration Planning (Planning) |
|------------------------|---|
| Agreement Amount | \$347,481 |
| County | Solano |
| Project ID | Prop 1-1804 |
| Grantee | Solano Resource Conservation District |
| Overview | Planning for restoration and enhancement of waterways and edge habitats |
| | on working lands in Solano County |
| Grant Agreement Status | Active as of 12/19/2019 |
| New Information | An amendment to the Project's budget and term was approved at the |
| | October Board meeting. The Grantee continues to develop Conservation |
| | and Grazing Plans and anticipates developing plans for a total of eight |
| | sites. |

| Project Name | Lower San Joaquin Riparian Corridor (Planning) |
|-------------------------------|---|
| Amount Awarded | \$522,027 |
| County | San Joaquin |
| Project ID | Prop 1-1808 |
| Grantee | American Rivers |
| Overview | Planning for restoration of floodplain and riparian habitat along the lower |
| | San Joaquin River |
| Grant Agreement Status | Active as of 5/3/2021 |
| New Information | The Grantee is working to develop restoration planting plans that |
| | incorporate the appropriate level of erosion control. |

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| Project Name | Phase 1 San Joaquin River Floodplain Restoration and Floodway |
|------------------------|--|
| | Enhancement at Banta-Carbona Project (Planning) |
| Amount Awarded | \$750,931 |
| County | San Joaquin |
| Project ID | Prop 1-1810 |
| Grantee | Banta-Carbona Irrigation District |
| Overview | Planning for 30 acres of seasonally inundated floodplain restoration |
| Grant Agreement Status | Active as of 12/10/2020 |
| New Information | The Grantee prepared a video that showcases the project (see Project |
| | Highlights section below). Conservancy staff prepared a staff |
| | recommendation for consideration to extend the Project's term (see |
| | Agenda Item 4.3). |

| Project Name | Nutria Eradication Project, Phase 2 (Implementation) |
|-------------------------------|---|
| Agreement Amount | \$8,483,080 |
| County | Multiple |
| Project ID | Prop 1-1813 |
| Grantee | California Department of Fish and Wildlife |
| Overview | Surveys for and removal of invasive species to minimize or avoid impacts |
| | to wetland habitats and water quality |
| Grant Agreement Status | Active as of 6/8/2020 |
| New Information | Project is ongoing. The Grantee submitted a change request to shift funds |
| | between budget line items that exceed the threshold listed in the grant |
| | agreement. Consistent with the Conservancy's Amendment and |
| | Modification Policy, the request was reviewed and approved at the |
| | Executive Officer level in September 2024. The amended grant agreement |
| | is with Grantee for approval and signatures. |

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| Project Name | Oakley Creekside Park Restoration (Planning) |
|------------------------|---|
| Amount Awarded | \$436,465 |
| County | Contra Costa |
| Project ID | Prop 1-1814 |
| Grantee | City of Oakley |
| Overview | Planning for restoration of floodplain and riparian habitat along Marsh |
| | Creek |
| Grant Agreement Status | Active as of 12/11/2020 |
| New Information | Project is complete. Conservancy staff are working with the Grantee to |
| | complete closeout. |

Proposition 1 Cycle 3 – Fiscal Year 2017-2018

The Board awarded approximately \$16 million for eight projects (four planning and four implementation). To date, six grants have closed.

| Project Name | Knightsen Wetland Restoration and Flood Protection Project (Planning) |
|-------------------------------|---|
| Agreement Amount | \$1,435,000 |
| County | Contra Costa |
| Project ID | Prop 1-1709 |
| Grantee | East Contra Costa County Habitat Conservancy |
| Overview | Advance planning for restoring wetlands and managing and treating storm |
| | water on public land in Knightsen |
| Grant Agreement Status | Active as of 3/20/2019 |
| New Information | Project is complete. Conservancy staff are working with the Grantee to |
| | complete closeout. |

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| Project Name | Grizzly Slough Floodplain Restoration Project at the Cosumnes River |
|-------------------------------|--|
| | Preserve (Implementation) |
| Agreement Amount | \$8,700,800 |
| County | Sacramento |
| Project ID | Prop 1-1710 |
| Grantee | California Department of Water Resources |
| Overview | Restore wetland and riparian habitat to the 321-acre site by breaching the |
| | levee and reintroducing tidal and seasonal flooding, and by establishing |
| | native vegetation |
| Grant Agreement Status | Active as of 4/30/2020 |
| New Information | The Grantee submitted a change request to update project performance |
| | criteria and clarify long-term deliverables. Consistent with the |
| | Conservancy's Amendment and Modification Policy, the request was |
| | reviewed and approved at the Executive Officer level in December 2024. |
| | |

Proposition 1 Cycle 2 – Fiscal Year 2016-2017

The Board awarded approximately \$4.4 million for four projects (one planning and three implementation). To date, all four grants have closed.

Proposition 1 Cycle 1 – Fiscal Year 2015-2016

The Board awarded approximately \$3.9 million to seven projects (four planning and three implementation). To date, all seven grants have closed.

CLOSED PROJECTS

To date, a total of 21 projects funded by Proposition 1 have fully closed (11 planning, one acquisition, and nine implementation). To receive a copy of a final report, please submit a written request specifying the project(s) of interest to contact@deltaconservancy.ca.gov.

| Project Name | Yolo Bypass Wildlife Area Habitat and Drainage Improvement Project |
|-------------------------------|--|
| | (Implementation) |
| Agreement Amount | \$2,026,814 (\$3,299 unspent) |
| County | Yolo |
| Project ID | Prop 1-Y1-2015-003 |
| Grantee | Ducks Unlimited |
| Overview | Implement habitat and working landscape enhancements in the Yolo |
| | Bypass Wildlife Area |
| Grant Agreement Status | Closed as of 3/31/2022 |
| New Information | Closed; a final report is available for review. |

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| Project Name | Fish Friendly Farming Certification Program for the Sacramento-San |
|-------------------------------|---|
| | Joaquin Delta (Planning) |
| Amount Spent | \$89,448 (\$2 unspent) |
| County | All Delta Counties |
| Project ID | Prop 1-Y1-2015-005 |
| Grantee | California Land Stewardship Institute |
| Overview | Develop a program to work with farmers to improve water quality that is |
| | specific to the crops and water quality concerns in Delta counties |
| Grant Agreement Status | Closed as of 10/9/2020 |
| New Information | Closed; a final report is available for review. |

| Project Name | Sherman Island Restoration Project, Phase III (Planning) |
|-------------------------------|---|
| Amount Spent | \$93,599 (\$6,367 unspent) |
| County | Sacramento |
| Project ID | Prop 1-Y1-2015-008 |
| Grantee | Ducks Unlimited |
| Overview | Develop plans and permits to restore up to 1,600 acres of wetlands on |
| | Sherman Island to provide habitat, reverse subsidence, and sequester |
| | carbon |
| Grant Agreement Status | Closed as of 3/1/2019 |
| New Information | Closed; a final report is available for review. Design plans are still current. |
| | Waiting for Phase two to be completed. |

| Project Name | Three Creeks Parkway Restoration Project (Implementation) |
|------------------------|---|
| Amount Spent | \$826,666 (\$9,743 unspent) |
| County | Contra Costa |
| Project ID | Prop 1-Y1-2015-009 |
| Grantee | American Rivers |
| Overview | Convert denuded flood control channel at the confluence of Marsh, Sand, |
| | and Deer Creeks into a healthy stream corridor |
| Grant Agreement Status | Closed as of 4/1/2022 |
| New Information | Closed; a final report is available for review. |

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| Project Name | Paradise Cut Conservation and Flood Management Plan (Planning) |
|-------------------------------|--|
| Amount Spent | \$99,924 (\$217 unspent) |
| County | San Joaquin |
| Project ID | Prop 1-Y1-2015-012 |
| Grantee | San Joaquin Resource Conservation District |
| Overview | Advance plans for a new flood bypass that will reduce flood risk, improve |
| | habitat, and maintain agricultural land along the San Joaquin River south of |
| | Paradise Cut |
| Grant Agreement Status | Closed as of 6/30/2019 |
| New Information | Closed; a final report is available for review. |

| Project Name | Wildlife Corridors for Flood Escape on the Yolo Bypass Wildlife Area |
|-------------------------------|---|
| | Project (Implementation) |
| Amount Spent | \$829,183 (\$7,051 unspent) |
| County | Yolo |
| Project ID | Prop 1-Y1-2015-016 |
| Grantee | Yolo Resource Conservation District |
| Overview | Restore up to 5 miles (22 acres) of floodway-compatible wildlife and |
| | pollinator habitat, providing a transit corridor for wildlife during floods |
| Grant Agreement Status | Closed as of 3/7/2023 |
| New Information | Closed; a final report is available for review. |

| Project Name | Lower Marsh and Sand Creek Watershed Restoration Planning Project |
|-------------------------------|--|
| | (Planning) |
| Amount Spent | \$73,493 (\$2,391 unspent) |
| County | Contra Costa |
| Project ID | Prop 1-Y1-2015-019 |
| Grantee | American Rivers |
| Overview | Create a Programmatic California Environmental Quality Act document for |
| | future restoration activities conducted by Grantee and their partners in |
| | the Marsh Creek and Sand Creek watersheds |
| Grant Agreement Status | Closed as of 12/31/2019 |
| New Information | Closed; a final report is available for review. The Programmatic Mitigated |
| | Negative Declaration, developed as part of this project, is being used |
| | during the planning of the P1-1814 grant. |

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| Project Name | Dutch Slough Revegetation (Implementation) |
|------------------------|---|
| Agreement Amount | \$2,900,000 (\$270 unspent) |
| County | Contra Costa |
| Project ID | Prop 1-1602 |
| Grantee | Reclamation District 2137 |
| Overview | Establish and maintain 468 acres of native tidal marsh, riparian, and |
| | grassland vegetation at the Dutch Slough restoration site |
| Grant Agreement Status | Closed as of 7/15/2022 |
| New Information | Closed; a final report is available for review. |

| Project Name | Petersen Ranch: Working Waterway Habitat Enhancement Project |
|------------------------|--|
| | (Implementation) |
| Agreement Amount | \$444,464 (\$1,398 unspent) |
| County | Solano |
| Project ID | Prop 1-1605 |
| Grantee | Solano Resource Conservation District |
| Overview | Restore 13.5 acres of riparian habitat and improve water quality through |
| | improved cattle management practices on approximately 525 acres of |
| | active farmland along Lindsey Slough |
| Grant Agreement Status | Closed as of 2/11/2022 |
| New Information | Closed; a final report is available for review. |

| Project Name | Restoration of Priority Wetlands for Endangered Species at the |
|-------------------------------|--|
| | Cosumnes River Preserve (Implementation) |
| Amount Spent | \$942,631 (\$145,798 unspent) |
| County | Sacramento |
| Project ID | Prop 1-1608 |
| Grantee | Sacramento County Regional Parks |
| Overview | Restore 110 acres of freshwater wetlands to benefit listed species |
| Grant Agreement Status | Closed as of 1/28/2021 |
| New Information | Closed; a final report is available for review. |

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| Project Name | Investigations of Restoration Techniques that Limit Invasion of Tidal |
|-------------------------------|---|
| | Wetlands (Planning) |
| Agreement Amount | \$104,452 (\$21,398 unspent) |
| County | Contra Costa |
| Project ID | Prop 1-1612 |
| Grantee | The Regents of the University of California (UC Davis) |
| Overview | Identify improved methods for tidal wetland revegetation that reduce |
| | invasion by non-native plants at Dutch Slough |
| Grant Agreement Status | Closed as of 11/30/2021 |
| New Information | Closed; a final report is available for review. |

| Project Name | Bay Point Habitat Restoration Project (Implementation) |
|------------------------|---|
| Agreement Amount | \$2,100,000 (\$13,718 unspent) |
| County | Contra Costa |
| Project ID | Prop 1-1701 |
| Grantee | East Bay Regional Park District |
| Overview | Restore 44 acres of wetland and grassland and 5,595 linear feet of saline |
| | emergent marsh channel at Bay Point Regional Shoreline Park |
| Grant Agreement Status | Closed as of 12/31/2021 |
| New Information | Closed; a final report is available for review. |

| Project Name | Restoration Planning at River Garden Farms: Improving Aquatic Habitat |
|-------------------------------|---|
| | Resiliency on Working Lands Along the Sacramento River (Planning) |
| Agreement Amount | \$647,701 (\$23,249 unspent) |
| County | Yolo |
| Project ID | Prop 1-1702 |
| Grantee | American Rivers |
| Overview | Develop restoration design plans for seven different project sites at River |
| | Garden Farms to restore ecosystem function in floodplain, wetland, and |
| | riparian habitats and provide habitat connectivity on a working farm |
| Grant Agreement Status | Closed as of 4/22/2023 |
| New Information | Closed; a final report is available for review. |

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| Project Name | Three Creeks Parkway Restoration Project #2 (Implementation) |
|------------------------|---|
| Agreement Amount | \$990,543 (\$46 unspent) |
| County | Contra Costa |
| Project ID | Prop 1-1711 |
| Grantee | American Rivers |
| Overview | Add one acre of habitat to the current Three Creeks Parkway Restoration project, thereby enhancing the ecological benefits of that project, while satisfying flood conveyance needs to protect the local area |
| Grant Agreement Status | |
| New Information | Closed; a final report is available for review. |

| Project Name | Bees Lakes Habitat Restoration Plan (Planning) |
|-------------------------------|---|
| Agreement Amount | \$592,500 (\$886 unspent) |
| County | Yolo |
| Project ID | Prop 1-1712 |
| Grantee | City of West Sacramento |
| Overview | Develop a detailed habitat restoration plan to restore disturbed riparian |
| | habitat, control non-native species, improve pond water quality, and |
| | improve the ability of the Bees Lakes area to support listed species |
| Grant Agreement Status | Closed as of 4/27/2021 |
| New Information | Closed; a final report is available for review. The Grantee was awarded |
| | Climate, Access, and Restoration funds for implementation at the July |
| | 2022 Conservancy Board meeting. |

| Project Name | Stone Lakes Restoration Project (Planning) |
|------------------------|---|
| Agreement Amount | \$635,573 (\$5,139 unspent) |
| County | Sacramento |
| Project ID | Prop 1-1713 |
| Grantee | Ducks Unlimited, Inc. |
| Overview | Planning to restore approximately 257 acres of seasonal wetland and 39 |
| | acres of riparian seasonal wetland, and enhance 20 acres of existing low- |
| | quality wetland on the Stone Lakes National Wildlife Refuge |
| Grant Agreement Status | Closed as of 2/29/2024 |
| New Information | Closed; a final report is available for review. |

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| Project Name | Nutria Eradication Project (Implementation) |
|------------------------|---|
| Agreement Amount | \$1,125,577 (\$6,120 unspent) |
| County | Multiple |
| Project ID | Prop 1-1718 |
| Grantee | California Department of Fish and Wildlife |
| Overview | Eliminate nutria from all known and discovered locations in California to |
| | prevent nutria from causing significant ecological damage in the Delta |
| Grant Agreement Status | Closed as of 4/5/2023 |
| New Information | Closed; a final report available for review. |

| Project Name | Mello-Jensen Heirs Sandhill Crane Preserve Project (Implementation) |
|------------------------|---|
| Agreement Amount | \$2,263,472 (\$291,461 unspent) |
| County | Sacramento |
| Project ID | Prop 1-1801 |
| Grantee | Agricultural-Natural Resources Trust |
| Overview | Acquire a conservation easement on 275 acres of farmland to ensure that |
| | it remains as wildlife friendly agriculture |
| Grant Agreement Status | Closed as of 9/4/2024 |
| New Information | Closed; a final report is available for review. |

| Project Name | Blacklock Restoration: Phragmites Control Study (Planning) |
|-------------------------------|--|
| Agreement Amount | \$387,440 (\$0 unspent) |
| County | Solano |
| Project ID | Prop 1-1803 |
| Grantee | California Department of Water Resources |
| Overview | Test methods for controlling invasive species in future restoration at the |
| | Blacklock restoration site |
| Grant Agreement Status | Closed as of 11/1/2022 |
| New Information | Closed; a final report is available for review. |

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| Project Name | Paradise Cut Conservation and Flood Management Project, Phase 2 |
|------------------------|--|
| | (Planning) |
| Amount Awarded | \$265,254 (\$505 unspent) |
| County | San Joaquin |
| Project ID | Prop 1-1806 |
| Grantee | San Joaquin Resource Conservation District |
| Overview | Outreach and planning to advance the Paradise Cut Flood Bypass in San |
| | Joaquin County |
| Grant Agreement Status | Closed as of 9/18/2023 |
| New Information | Closed; a final report is available for review. San Joaquin Area Flood |
| | Control Agency (SJFCA) is now the project lead. In summer 2023, the |
| | California Department of Water Resources awarded the project \$3 million |
| | in funding for a feasibility study. |

| Project Name | Elk Slough Fish Passage and Flood Improvement (Planning) |
|------------------------|--|
| Amount Awarded | \$984,695 (\$71,604 unspent) |
| County | Yolo |
| Project ID | Prop 1-1807 |
| Grantee | Reclamation District 999 |
| Overview | Planning for habitat and flood control enhancements along Elk Slough |
| Grant Agreement Status | Closed as of 3/12/2024 |
| New Information | Closed; a final report is available for review. |

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PROJECT HIGHLIGHTS

P1-1810: Phase 1 San Joaquin River Floodplain Restoration and Floodway Enhancement at Banta-Carbona

The Phase 1 San Joaquin River Floodplain Restoration and Floodway Enhancement at Banta-Carbona Project is a planning project to design and permit a 30-acre multi-benefit floodplain on the San Joaquin River to improve rearing habitat for juvenile salmon, reduce flood risk, and address sedimentation issues at an intake screen. A video on the project is available at https://vimeo.com/1026747273.

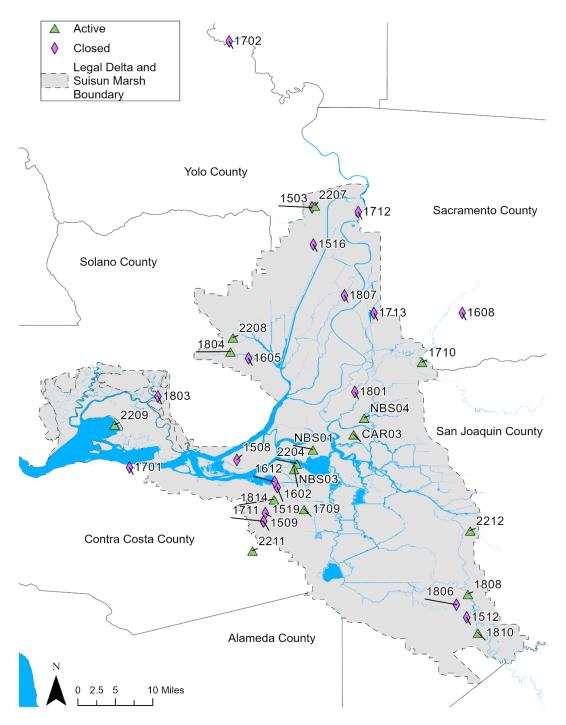


Figure 6.1. Video created by the Grantee, Banta-Carbona Irrigation District, describing the San Joaquin River Floodplain Restoration and Floodway Enhancement at Banta-Carbona Project.

CONTACT

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FIGURE 6.2. MAP OF ECOSYSTEM RESTORATION AND CLIMATE ADAPTATION PROJECTS



Two active projects (P1-1813 and NBS02) and two closed projects (P1-1505 and P1-1718) are not mapped due to their large spatial coverage.